

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

05/02/2004

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| CAPITL 61757 | 59.79 | 56.73 | 52.79 | 52.82 | 49.70 | 41.66 | 39.63 | 60.68 | 60.21 | 61.31 | 64.02 | 63.96 | 64.09 | 64.37 | 60.89 | 63.09 | 54.46 | 54.32 | 54.35 | 57.56 | 61.52 | 57.38 | 52.48 | 40.25 |
| | 1.08 | 0.76 | 0.76 | 0.76 | 0.77 | 0.75 | 0.84 | 1.44 | 1.77 | 2.18 | 2.27 | 2.26 | 2.25 | 2.19 | 2.05 | 1.90 | 2.27 | 2.18 | 2.26 | 2.47 | 2.58 | 2.50 | 2.24 | 1.87 |
| | -34.06 | -37.69 | -33.07 | -33.13 | -29.68 | -22.88 | -17.54 | -26.17 | -20.36 | -14.24 | -13.19 | -12.94 | -13.67 | -15.28 | -13.11 | -18.54 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CENTRL 61754 | 25.39 | 20.87 | 19.98 | 19.93 | 20.09 | 22.19 | 24.86 | 33.99 | 38.38 | 44.46 | 47.62 | 47.78 | 47.41 | 46.32 | 44.91 | 42.45 | 50.09 | 50.08 | 49.91 | 53.04 | 56.83 | 53.08 | 48.04 | 36.59 |
| | -0.90 | -0.66 | -0.63 | -0.62 | -0.64 | -0.67 | -0.85 | -1.34 | -1.46 | -1.66 | -2.08 | -2.09 | -1.94 | -1.90 | -1.95 | -1.80 | -2.10 | -2.06 | -2.18 | -2.05 | -2.11 | -1.80 | -2.20 | -1.79 |
| | -1.64 | -3.25 | -1.65 | -1.62 | -1.48 | -4.83 | -4.46 | -2.26 | -1.76 | -1.23 | -1.14 | -1.11 | -1.18 | -1.32 | -1.13 | -1.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD 61760 | 52.74 | 48.91 | 45.90 | 45.93 | 43.56 | 37.31 | 36.62 | 55.62 | 55.56 | 58.81 | 61.82 | 61.84 | 61.84 | 61.70 | 58.81 | 59.80 | 54.95 | 55.54 | 55.54 | 58.78 | 62.77 | 58.78 | 53.91 | 41.07 |
| | 1.48 | 1.06 | 1.12 | 1.12 | 1.14 | 1.12 | 1.40 | 2.05 | 2.28 | 2.74 | 2.91 | 2.93 | 2.94 | 2.81 | 2.79 | 2.60 | 3.71 | 3.44 | 3.49 | 3.69 | 3.83 | 3.90 | 3.67 | 2.69 |
| | -26.61 | -29.57 | -25.82 | -25.88 | -23.17 | -18.16 | -13.97 | -20.50 | -15.20 | -11.18 | -10.35 | -10.15 | -10.73 | -11.99 | -10.29 | -14.55 | 0.95 | 0.04 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENESE 61753 | 25.10 | 20.36 | 19.57 | 19.56 | 19.70 | 21.74 | 24.37 | 33.07 | 37.33 | 42.87 | 45.52 | 45.67 | 45.45 | 44.58 | 43.15 | 40.75 | 47.89 | 47.95 | 47.61 | 50.53 | 54.45 | 51.24 | 46.11 | 35.21 |
| | -1.14 | -1.12 | -0.97 | -0.93 | -0.97 | -1.05 | -1.27 | -2.23 | -2.48 | -3.23 | -4.16 | -4.19 | -3.88 | -3.62 | -3.69 | -3.47 | -4.30 | -4.19 | -4.48 | -4.56 | -4.49 | -3.64 | -4.13 | -3.17 |
| | -1.59 | -3.20 | -1.58 | -1.56 | -1.42 | -4.76 | -4.39 | -2.23 | -1.73 | -1.21 | -1.12 | -1.10 | -1.16 | -1.30 | -1.11 | -1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| H Q 61844 | 24.14 | 17.77 | 18.06 | 18.24 | 18.43 | 16.77 | 20.03 | 32.75 | 37.77 | 44.66 | 48.57 | 48.79 | 48.09 | 46.84 | 45.73 | 42.57 | 52.14 | 52.14 | 52.14 | 54.98 | 58.82 | 54.50 | 50.14 | 37.82 |
| | -0.05 | 0.00 | -0.04 | -0.04 | -0.04 | 0.00 | 0.00 | 0.03 | -0.04 | -0.04 | 0.19 | 0.20 | 0.10 | 0.14 | 0.18 | 0.17 | -0.05 | 0.00 | 0.00 | 0.05 | -0.11 | -0.38 | -0.10 | -0.04 |
| | 0.46 | 0.51 | 0.86 | 0.65 | 0.78 | 1.26 | 1.22 | 0.35 | 0.27 | 0.19 | 0.18 | 0.17 | 0.18 | 0.20 | 0.18 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |
| HUD VL 61758 | 51.87 | 48.07 | 45.12 | 45.14 | 42.84 | 36.77 | 36.17 | 54.88 | 55.46 | 58.17 | 61.17 | 61.18 | 61.17 | 61.05 | 58.17 | 59.08 | 55.16 | 55.08 | 55.08 | 58.27 | 62.28 | 58.26 | 53.44 | 40.69 |
| | 1.24 | 0.90 | 0.96 | 0.95 | 0.97 | 0.95 | 1.21 | 1.75 | 1.97 | 2.36 | 2.49 | 2.50 | 2.52 | 2.44 | 2.39 | 2.22 | 3.20 | 2.95 | 3.00 | 3.18 | 3.34 | 3.38 | 3.20 | 2.31 |
| | -25.98 | -28.89 | -25.20 | -25.26 | -22.62 | -17.79 | -13.71 | -20.06 | -15.41 | -10.92 | -10.12 | -9.92 | -10.48 | -11.71 | -10.05 | -14.21 | 0.23 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LONGIL 61762 | 58.24 | 52.75 | 51.28 | 50.29 | 50.27 | 48.53 | 51.70 | 55.88 | 61.03 | 63.20 | 65.22 | 65.29 | 65.32 | 65.23 | 62.92 | 63.70 | 62.22 | 62.55 | 63.81 | 66.48 | 72.23 | 67.62 | 64.25 | 58.55 |
| | 1.97 | 1.45 | 1.54 | 1.56 | 1.57 | 1.47 | 1.78 | 1.93 | 2.16 | 2.65 | 2.81 | 2.87 | 2.91 | 2.80 | 2.74 | 2.53 | 3.81 | 3.50 | 4.18 | 4.33 | 4.64 | 4.61 | 4.34 | 3.36 |
| | -31.62 | -33.02 | -30.78 | -29.80 | -29.45 | -29.03 | -28.67 | -20.88 | -20.79 | -15.66 | -13.85 | -13.66 | -14.24 | -15.53 | -14.45 | -18.52 | -6.22 | -6.91 | -7.54 | -7.06 | -8.65 | -8.13 | -9.67 | -16.81 |
| MHK VL 61756 | 25.38 | 20.62 | 20.08 | 19.83 | 20.24 | 23.06 | 26.01 | 34.56 | 39.13 | 45.46 | 49.11 | 49.27 | 48.67 | 47.52 | 46.23 | 43.55 | 51.97 | 51.91 | 52.01 | 55.22 | 59.03 | 54.91 | 50.15 | 38.37 |
| | -0.14 | -0.09 | -0.14 | -0.15 | -0.15 | -0.18 | -0.22 | -0.20 | -0.27 | -0.35 | -0.30 | -0.32 | -0.38 | -0.36 | -0.34 | -0.29 | -0.22 | -0.23 | -0.08 | 0.13 | 0.09 | 0.03 | -0.09 | -0.01 |
| | -0.87 | -2.43 | -1.26 | -1.05 | -1.14 | -5.21 | -4.98 | -1.69 | -1.32 | -0.92 | -0.85 | -0.83 | -0.88 | -0.98 | -0.84 | -1.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MILLWD 61759 | 51.99 | 48.23 | 45.25 | 45.27 | 42.95 | 36.81 | 36.15 | 54.86 | 54.98 | 58.03 | 61.04 | 61.05 | 61.03 | 60.91 | 58.05 | 59.03 | 54.47 | 54.84 | 54.86 | 58.03 | 62.00 | 58.01 | 53.25 | 40.57 |
| | 1.14 | 0.82 | 0.87 | 0.87 | 0.89 | 0.87 | 1.11 | 1.60 | 1.79 | 2.13 | 2.28 | 2.29 | 2.29 | 2.20 | 2.19 | 2.05 | 3.03 | 2.73 | 2.81 | 2.94 | 3.06 | 3.13 | 3.01 | 2.19 |
| | -26.20 | -29.13 | -25.42 | -25.47 | -22.81 | -17.91 | -13.79 | -20.19 | -15.11 | -11.01 | -10.20 | -10.00 | -10.57 | -11.81 | -10.13 | -14.33 | 0.75 | 0.03 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. 61761 | 53.05 | 49.15 | 46.14 | 46.16 | 43.79 | 37.50 | 36.85 | 56.12 | 58.70 | 59.68 | 64.14 | 65.77 | 62.25 | 64.95 | 63.60 | 64.24 | 58.94 | 60.44 | 63.00 | 63.35 | 67.33 | 60.51 | 54.45 | 41.44 |
| | 1.74 | 1.25 | 1.32 | 1.31 | 1.33 | 1.29 | 1.61 | 2.37 | 2.66 | 3.11 | 3.32 | 3.32 | 3.33 | 3.22 | 3.19 | 2.95 | 4.26 | 3.93 | 4.01 | 4.15 | 4.30 | 4.36 | 4.21 | 3.06 |
| | -26.66 | -29.62 | -25.86 | -25.92 | -23.21 | -18.18 | -13.99 | -20.68 | -17.96 | -11.68 | -12.26 | -13.69 | -10.75 | -14.83 | -14.68 | -18.64 | -2.49 | -4.37 | -6.90 | -4.11 | -4.09 | -1.27 | 0.00 | 0.00 |
| NORTH 61755 | 25.76 | 21.24 | 22.08 | 21.07 | 22.07 | 27.06 | 30.05 | 34.94 | 39.17 | 45.23 | 49.38 | 49.57 | 48.80 | 47.74 | 46.56 | 43.95 | 51.70 | 51.75 | 51.77 | 54.56 | 58.37 | 53.86 | 49.53 | 37.99 |
| | -0.55 | -0.31 | -0.44 | -0.43 | -0.44 | -0.28 | -0.28 | -0.41 | -0.68 | -0.90 | -0.32 | -0.31 | -0.55 | -0.48 | -0.30 | -0.31 | -0.49 | -0.39 | -0.32 | -0.53 | -0.57 | -1.02 | -0.71 | -0.39 |
| | -1.66 | -3.27 | -3.56 | -2.57 | -3.26 | -9.31 | -9.08 | -2.28 | -1.77 | -1.24 | -1.14 | -1.12 | -1.18 | -1.32 | -1.13 | -1.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX 61845 | 57.71 | 54.45 | 50.84 | 50.84 | 47.95 | 40.44 | 38.80 | 59.19 | 58.95 | 60.41 | 63.22 | 63.14 | 63.26 | 63.44 | 60.13 | 62.01 | 54.79 | 54.54 | 54.54 | 57.68 | 61.65 | 57.62 | 52.75 | 39.78 |
| | 1.11 | 0.80 | 0.85 | 0.83 | 0.85 | 0.85 | 1.00 | 1.55 | 1.75 | 2.15 | 2.28 | 2.24 | 2.26 | 2.20 | 2.10 | 1.96 | 2.56 | 2.40 | 2.45 | 2.59 | 2.71 | 2.74 | 2.51 | 1.92 |
| | -31.95 | -35.37 | -31.03 | -31.08 | -27.85 | -21.56 | -16.55 | -24.57 | -19.12 | -13.37 | -12.38 | -12.14 | -12.83 | -14.34 | -12.30 | -17.40 | -0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 61846 | 23.83 | 19.68 | 18.99 | 19.04 | 19.17 | 21.05 | 23.50 | 31.77 | 35.35 | 40.08 | 41.93 | 42.03 | 42.04 | 41.34 | 39.91 | 37.76 | 44.05 | 44.21 | 43.81 | 46.44 | 49.92 | 47.42 | 42.50 | 32.26 |
| | -2.61 | -2.01 | -1.74 | -1.65 | -1.67 | -1.84 | -2.21 | -3.67 | -4.57 | -6.10 | -7.82 | -7.90 | -7.37 | -6.94 | -7.00 | -6.57 | -8.14 | -7.93 | -8.28 | -8.65 | -9.02 | -7.46 | -7.74 | -5.60 |
| | -1.79 | -3.41 | -1.77 | -1.76 | -1.59 | -4.86 | -4.46 | -2.37 | -1.84 | -1.29 | -1.19 | -1.17 | -1.24 | -1.38 | -1.18 | -1.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |
| PJM 61847 | 25.00 | 20.99 | 20.00 | 20.01 | 20.00 | 21.71 | 23.99 | 32.75 | 36.41 | 42.67 | 45.00 | 45.00 | 44.99 | 43.63 | 42.00 | 40.00 | 46.29 | 46.72 | 45.84 | 49.97 | 53.34 | 50.05 | 43.41 | 32.41 |
| | -2.66 | -1.96 | -1.92 | -1.87 | -1.91 | -1.77 | -2.13 | -3.57 | -4.19 | -3.99 | -5.20 | -5.36 | -4.87 | -5.16 | -5.35 | -4.95 | -5.90 | -5.42 | -6.25 | -5.12 | -5.60 | -4.83 | -6.83 | -5.45 |
| | -3.01 | -4.67 | -2.96 | -2.95 | -2.66 | -5.45 | -4.87 | -3.25 | -2.52 | -1.77 | -1.64 | -1.60 | -1.69 | -1.89 | -1.62 | -2.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.52 |
| WEST 61752 | 24.10 | 19.96 | 19.23 | 19.28 | 19.38 | 21.23 | 23.72 | 32.20 | 35.76 | 40.67 | 42.49 | 42.56 | 42.55 | 41.77 | 40.36 | 38.25 | 44.41 | 44.62 | 44.11 | 47.04 | 50.54 | 47.96 | 42.62 | 32.83 |
| | -2.54 | -1.94 | -1.70 | -1.61 | -1.64 | -1.75 | -2.06 | -3.39 | -4.27 | -5.59 | -7.34 | -7.44 | -6.93 | -6.60 | -6.63 | -6.18 | -7.78 | -7.52 | -7.98 | -8.05 | -8.40 | -6.92 | -7.62 | -5.55 |
| | -1.99 | -3.62 | -1.97 | -1.96 | -1.77 | -4.95 | -4.53 | -2.52 | -1.95 | -1.37 | -1.27 | -1.24 | -1.31 | -1.47 | -1.26 | -1.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |